

# MISURACA VINCENZO

## MECHANICAL TECHNICIAN

### WORK EXPERIENCE Mechanical Technician

NARO,AG, 07/2020 - 06/2024

- Maintenance on motor vehicles and systems
- Diagnosis and maintenance of internal combustion engines
- Search for anomalies and faults, replacement of malfunctioning components
- Work in motor test rooms, trim/roller desks
- Engine performance processing and optimization
- Design and maintenance in a technical context
- Reading and making technical drawings
- Use of traditional and CNC lathes, tools and measuring instruments

### TRAINING AND EDUCATION

#### Petronas Lubricants Italy Academy

COMMERCIAL TRAINING COURSE | 110 HOURS

- Training course dedicated to commercial training in automotive and industrial lubricants (Aftermarket)

#### Politecnico di Torino

MECHANICAL ENGINEERING | SEPTEMBER 2023 - ONGOING

#### I.T.I Mottura

HIGH SCHOOL DIPLOMA IN MECHANICAL, MECHATRONICS AND ENERGY  
SEPTEMBER 2018 - JULY 2023

- Diploma obtained with 93/100

### PERSONAL PROJECT

- CAD Modeling and Design: Making complex mechanical components with AutoCAD and SolidWorks, followed by physical production through prototyping.
- Rapid Prototyping: Development of functional prototypes through 3D printing, optimizing materials and designs for practical testing.
- Automation and Technical Analysis: Creating scripts in Python and MATLAB for mechanical simulations, performance calculations, and component optimization.
- Integrated projects: Combination of technical drawing, prototyping and practical testing for complete mechanical solutions, from the conceptual stage to the final prototype.



### PROFESSIONAL PROFILE

Mechanical and Mechatronic Technician with practical experience in the mechanical sector, specialized in technical drawing, programming and use of traditional machine tools and CNC. Able to work both independently and in a team, precise, punctual and result-oriented. Passionate about mechanics, engines and new technologies (3D printing, CAD, prototyping), with availability to travel and new professional challenges.

### CONTACTS:

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### PERSONAL INFORMATION:

Date of birth: 01/09/2004  
Nationality: Italian  
License: AM, A1, B  
Languages: Italian (native), English (B1)

# SKILLS

## Technical Skills

- Design and CAD: SolidWorks, 2 D/3 D AutoCAD, mechanical schematics, component modeling.
- Programming and simulations: Python, MATLAB for technical applications.
- Workshop and machines: traditional lathe/CNC, engine maintenance, metalworking.
- Measuring and analysis instruments: caliper, micrometer, comparator, material tolerance and strength calculations.
- Prototyping and 3D: rendering, 3D printing, advanced modeling..
- Productivity software: Microsoft Office package (Word, Excel, PowerPoint).
- Operating Systems: Excellent command of Windows, macOS and Linux

## Soft Skills

- Ability to work in teams and integrate quickly
- Accuracy and adherence to deadlines
- Problem solving and management unforeseen
- Adaptability and flexibility in dynamic contexts
- Shift, overtime and away availability

# HOBBY

- Mechanics and Engines
- F1, WEC, WRC, Indycar Series
- 3D Printing
- Bricolage
- Robotics
- Computer science